



Update new control unit

Samuel Netzer



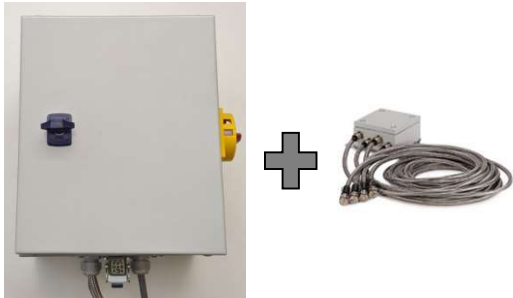


> Overview

Control unit for one magnetic plate

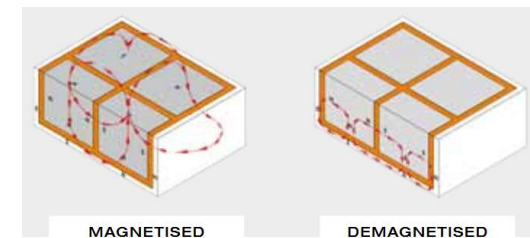


Control unit for 1-2 & 1-4 magnetic plates



> What changed?

- improved user interface
- we changed the positioning of some plugs / parts for better handling
- error analysis via USB or Hand-held controller
- higher safty (e.g. of a short circuit)
- new feature: variable force control (big advantage for parts <12 mm)
→ just available with the hend-held controller with display





> Hand-held controller



hold
3 sec.
→

Page 1 parameters	Page 2 parameters
<ul style="list-style-type: none">1-zone selection2-N° of programm3-Control4-Defaults5-Defaults historic	<ul style="list-style-type: none">1-Language2-Date/hour3-Contrast4-Backlight





> Hand-held controller

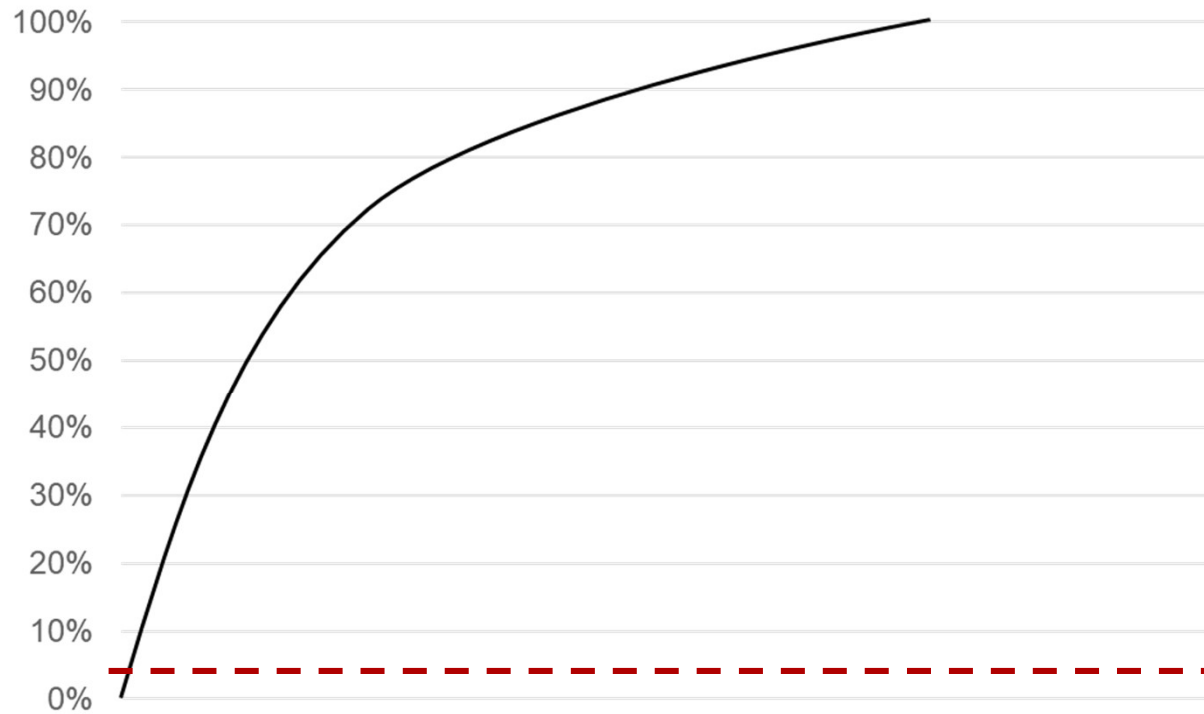
Control	
ampers	
TH1	TH2
125	125
145	145
160	160
frequency	
49,5 HZ	
voltage control	
38,9 V	

Defaults historic				
12:59:30	12:59:30	12:59:30	12:59:30	Time
IMAG	IMAG	IMAG	IMAG	DEFAULT





> Variable force – Diagram (estimated!)



*these numbers are not tested! Here you see an estimation of the manufacturer wich is for illustration purposes only!



> conclusion

- the control unit will be replaced in the second quarter of 2021 (after our stock is sold out)
- custom made projects could be equipped from now on with the new system
- the following will change:
 - a hand held controler is necessary (there is no control panel on the unit itself anymore)
 - improved safty and error analysis
 - new connector at the hand held controller („Harting“ instead of the DB-9)
 - no DB-9 „Dummy-connector“ any more!

DB-9 „Dummy-connector“



Harting-connector



A small orange square icon.

> Herzlichen Dank

Danke für Ihre Aufmerksamkeit.

Tack. *Merci beaucoup.* *Thank you.* *¡muchas gracias!*

Grazie. *Dziękujemy.* *Спасибо.* *Tak.* *Bedankt.*

**Für Fragen und Anregungen stehe ich
natürlich gerne zur Verfügung ...**